General Science MCQs

(Basic Concepts of Physics, Chemistry Bio) Solved

FPSC,PPSC,SPSC,nTs,CSS,KPPSC,oTS,CTS,KPPSC

All Tests Preparation

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General Science

General Science Units

- Unit of Power is Watt
- Unit of Resistance Is Ohm
- Unit of Conductivity is Mho
- Unit of Energy is Joule
- Unit of Distance Between Stars And Planets is Light Year
- Unit of Wavelength is Meter
- Unit of Volume is Liter
- Unit of Frequency is Hertz
- Unit of Rate of flow of water is Cusec
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- Barometer measures Pressure
- Voltmeter measures Voltage
- Lactometer measures Purity of Milk.
- Thermometer measures Temperature
- Anemometer measures Velocity Of Wind
- Richter Scale measures Earthquake
- Hygrometer measures Degree Of Humidity
- Sphygmomanometer measures Blood Pressure
- Geiger counter measures Radioactivity
- Pyrometer measures Surface Temperature
- Rain Gauge measures Rainfall
- Seismograph measures Earthquake Recording
- Ammeter measures Electric current
- Altimeter measures Altitude
- Anemometer measures Velocity and Direction of Wind

- **Pancreas** plays an essential role in converting the food we eat into fuel for the body's cells.
- **Lithotripsy is medical procedure that uses shock waves or a laser to break down** stones in the kidney.
- **Mercury** is the closest planet to the Sun.
- There is a hole in the Ozone Layer at **South Pole.**
- Chronometer is invented by **John Harrison.**
- Rain water is considered the **purest form** of water.
- **Insulin** is secreted in **Pancreas.**
- Spleen is not an **endocrine gland.**
- Blood cells are produced by **Bone-marrow.**
- The strongest muscle in the human body is in the **Jaw.**
- **Cholera** diseases occur due to consumption of contaminated water.
- Most astronomers believe that origin of the Universe is **Big Bang Theory**
- Hepatitis & Jaundice are disease of **Liver.**
- Creature having both male and female reproductive organs is known **asHermaphrodite.**
- A low are storm with high winds rotating about a centre of low atmospheric pressure is called **cyclone**
- The 1st Muslim scientist who presented the law of reflection and refraction is **Ibn-ul-Haitham.**
- The difference in the duration of the day and night increases as one move from **equator to poles.**
- Solar system was discovered by **Nicolaus Copernicus.**
- Richest source of Vitamin D is **Cod Liver Oil.**
- The substance that give away electrons is **oxidized.**
- Radioactive isotope of Uranium used in Nuclear Bomb is **92 U 235.**
- **Rectified Spirit** is a mixture of ethanol (95.6%) and water produced as an zoetrope of distillation.
- **Silicon** makes up 27.7 percent of Earth's Crust; it is the 2nd most abundant element in the crust, being surpassed only by oxygen.
- One of the main function of the earth's ozone layer is to filter out **Ultraviolet rays.**
- **A Light year** is the distance a beam of light travels in a single Earth Year.
- When a light ray enters from air into glass, **its wavelength decreases.**
- An air bubble in water acts as a **concave lens.**
- **Cobalt 60** is generally used in radiation therapy because it emits gamma rays.
- A thermos flask prevents the heat loss by **conduction, convection and radiation.**
- Fish is first class protein as it contains essential **amino acid**
- The unit of capacitance is **Farad.**
- **Pacemaker** is a small device that is placed in the chest to control abnormal heart beat.
- Vitamin soluble in water are **Vitamin-B & Vitamin-C.**
- Vitamin soluble in fat are **Vitamin-A, Vitamin-D, Vitamin-E** and **Vitamin-K**
- **Water Gas** is a mixture of Carbon Monoxide and Hydrogen
- Most of the weather disturbances take place in **troposphere.**
- **Auto analyses** is use to examine glucose, urea and cholesterol
- **The iron compound** found in hemoglobin as haematin.
- A **goniometer** is a device that measures an angle or permits rotation of an object to a definite position.
- **Lithium** is the strongest reducing agent.
- **Aqua Regia** is mixture Of one part Ot concentrated nitric acid and three parts of concentrated hydrochloric acid.

- ………… was the 2st mathematician who gave the concept of Set. **George Cantor** (b/w 1874-1884)
- Which is the biggest planet of the solar system in inner planets? **Earth**
- Which is the 2nd month of Islamic calendar? **Safar**
- Protective layer of Eye is? **Sclera**
- Plasma is the …………. State of matter? **Fourth**
- **Histology** is the study of **Tissue**
- Robert Hooke discovered cell from **Cork**
- end product of photosynthesis is **Carbohydrate and oxygen**
- Hydrogen has …….. type of Isotopes: **3**
- Sum of proton & neutron is called **Atomic Mass**
- Ink shell no of electron: **2**
- In Glucose no of Hydrogen is: **12**
- Leibniz calculator wad developed in: **1971** (Gottfried Wilhelm von Leibniz (1646-1716) invented a calculating machine which was a major advance in mechanical calculating.)
- William Oughtred invented: **Slide Rule**
  two identical linear or circular logarithmic scales held together and adjusted by hand
- In very low temperature which from the following will freeze at last? **Sea Water**
- The nearest plant to the earth is? **Venus**
- The position of an element in the Periodic Table is determined by its ………. Number: **Proton**
- The Salinity of sea water is determined by the amount of common salt (Sodium chloride in ………. Of sea water: **01 Kg**
- The Planet which is easily visible from the earth is? **Venus**
- The bodyguard of earth is ……….that save the earth from many comets and asteroids. **Jupiter**
- The planets visible to us without using a telescope are: **5**
- Biosensor is used to measure? **Blood glucose level**
- The Principal constituent of the atmosphere of the earth is**Nitrogen**
- How many divisions does Fahrenheit have? **180**
- Speed of any object be changed by: **Force**
- Unit of Decibel is denoted by: **dB**
- Which particles of atom are not charged are called neutral? **Neutron**
- Kingdom of Monera deals with? **Bacteria**
- What is Eukaryotic Cell? **Single Cell**
- Plants make their own food by? **Photosynthesis**
- Animals with backbone are called? **Vertebrates**
- The body of fish is covered with? **Scales**
- Fishes take breath through their part called? **Gils**
- Reptiles lay their eggs on? **Land**
- Which insects are environment friendly? **Earthworms**
- Which plant have parallel leaf venation? **Monocot**
- Yeast is an example of? **Fungi**
- Which is main causes of ozone depletion? **Air pollution**
- What is the melting point of Ice? **0 degree c**
- How many primary teeth are there? **20**
- Lungs are protected by? **Ribcage**
- Asthma is main disorder of? **Lungs**
- Larva of butterfly is called? **Caterpiller**

- The French microbiologist who discovered the process of pasteurization was **Louis Pasture.**
- The rarest blood type is **AB- (Negative).**
- The main structural molecule in hair and nails is **Keratin.**
- **Fuse wire** is made of **lead and tin** alloy.
- A **transformer** works on the principle of electromagnetic induction. It brings abouta change in the potential of an alternating current.
- **Lithium** is the **strongest reducing agent.**
- Uranus takes **84 years** to complete one revolution round the Sun.
- **Methyl alcohol** (CH30H), is also called wood alcohol, or wood spirit.
- **Radio waves** are reflected from **ionosphere.**
- Lack of proteins Causes **kwashiorkor** and **Marasmus** disease in children.
- **Kwashiorkor:** In this disease, hands and legs of children get slimmed and the stomach comes out.
- **Marasmus:** In this disease, muscles of children are loosened
- The ozone layer protects the earth from the **Ultraviolet rays** sent by sun.
- Carbohydrate content in potato (per 100g) is **20.3g,**
- The ozone layer is present in atmosphere above earth, the stratum of atmosphere in which ozone layer is **Stratosphere.**
- Pakistanis receive the largest dose of ionizing radiation from **Natural sources.**
- In water pollution, industries are said to be the **Point Sources**
- The gas associated with global warming is **Co_2**
- **Liquid Ammonia** is commonly used in cold storage in Pakistan.
- Mango variety having strong flavor is **Langra**
- Richest source of Riboflavin is **Bael.**
- The gas used for artificial ripening of green fruit is **Ethylene.**
- The closest planet to Earth is **Venus.**
- Sulfuric acid was prepared by **Jabir bin Hayyan.**
- The name of disease called Lockjaw is **Tetanus.**
- The longest and largest bone in human body is **Femur.**
- Sonar is used to measure **Ocean depth.**
- The branch of Physics which deals with atomic nuclei is called **nuclear Physics.**
- Stone used in whitewash **Stonelime.**
- Titanium is called the **metal of future.**
- Cobalt-60 radioactive isotope is **used to control Leukemia.**
- Uranus takes **84 years** to complete one revolution round the sun.
- **Oxygen** was discovered by Joseph Priestley in 1774
- Thermal decomposition of alkanes is called **Cracking.**
- The chemical element with the lowest melting point is **Helium**
- Fuse wire is made of **lead and tin.**
- Methyl alcohol (CHYOH) is also called **wood alcohol,** or **wood spirit.**
- **Cresco graph** is an instrument used in recording growth of **plants,** invented by **Dr. J. C. Bose. Grows**
- Light radiation is both of wave and particle nature.
- An air bubble in water acts as a concave lens.
- The **colors** in thin films of soap bubbles are seen due to **interference of light.**
- When a light ray enters from air into glass, **its wavelength decreases.**
- Steel is used for making **permanent magnets.**
- Lenz's law is based on **energy conservation.**

- Barometer measures **Atmospheric Pressure**
- Audiometer measures **Improvement of Hearing Power**
- Calorimeter measures **Quantity of Heat**
- Colorimeter measures **Intensities of Colors**

- **Algesimeter** measures **Sensitivity of Skin**
- **Calorimeter** measures **Quantity of Heat**
- **Colorimeter** measures **Intensities of Colors**
- **Caffeine** is the most important stimulant in **tea leaves.**
- **Acid rain** contains high level of **Sulphuric and nitric acid.**
- **One gram** of **carbohydrates** gives energy of the amount **4.1kcal**
- A man can survive **without food** for at least **one month.**
- When a gas turns into a liquid, the process is called **Condensation:**
- Yeast used in making of bread is **Fungus.**
- The disease **diphtheria** affects the Throat in Human Body.
- Liquids that evaporate quickly are known as **Volatile liquids.**
- Spinach is a good source of **Potassium.**
- The most abundant element in earth's crust is **Oxygen.**
- In human body **Gall Bladder** is part of the **Digestive system.**
- **Glaucoma** is caused by increase in pressure within Eyeball.
- Enzymes are made of **Proteins.**
- One ounce is equal to **28.35 grams.**
- **Bamboo** is Grass.
- **Stomata** are the tiny openings present on the epidermis of leaves
- **Paleontology** is the study of the history of life on Earth as based on fossils.
- Non-bird dinosaurs lived between about 245 and 66 million
- **Years ago, in a time known as the Mesozoic Era.**
- The diameter of the earth is **12,742 km.**
- Mobile phone uses **radio waves** to transmit signals to a network of base stations
- The pH of pure water (H20) is **7** at 25 degree Celsius.
- The **light-year** is a unit of length used to express astronomical distances and is equivalent to about 9.46 trilion kilometers (9.46x 1012 km).
- The Energy possessed by water in a dam is **Gravitational potential Energy.**
- The Blood Glucose level reduced **by Insulin.**
- Influenza is caused by **Virus.**

- **Acetic Acid** is used for seasoning of Food
- **Lipase enzyme** bring about Hydrolysis of Fats
- **Ascorbic Acid** is a water soluble vitamin.
- The disease diphtheria affects the **Throat** in Human Body.
- **Spinach** is a good source of Potassium.
- Insulin was discovered by **Dr. F.G Banting.**
- Citrus Fruits are considered rich in **Vitamin C.**
- **Spleen is** not an endocrine gland.
- An instrument designed for testing the purity of milk is called **Lactometer.**
- **Autopsy** is the Port-Mortem examination of a body.
- Red Colour has **largest** & Blue colour has **shortest** wavelength.
- **Pomology** is the study of cultivation of fruits.
- **Logarithem tables** were invented by John Napier.
- Most Commonly used bleaching agent is **Chlorine.**
- The Planet with the shortest year: **Mercury**

- The speed of revolution Of Earth round the sun is maximum when Earth is **nearest to the sun.**
- A **bolometer** is a device for measuring the power of incident electromagnetic radiation.
- **Transformer** is device used to step up or step down the voltage.
- **Cadmium** being a good absorber of neutrons is used as a controller in nuclear reactor.
- **Ribosome** is called the factory of protein:
- **Gluten enteropathy** is the inability to Absorb gluten, a protein found in wheat,
- Titanium is called the **metal of future.**
- Thermal decomposition of alkanes in the absence of air is called **Cracking**
- **Fuse wire** is made of lead and tin alley

- Radio waves are reflected from **ionosphere.**
- **40° C and-40°** F exhibit the same temperature.
- **Hormone Melatonin** is secreted by Pineal body.
- **Vitamin-K** is synthesized in our large intestine by the bacteria and from there it is absorbed.
- **Electro Cardiograph (ECG)** is used to find the abnormality of heart
- Rocket propulsion is based on the conservation of **linear momentum.**
- The velocity of escape from Earth's gravitation into space is **11.2 km/sec.**
- **Luna-II** was the first spaceship to land on moon.
- The average density on Earth is **5.5 cubic centimeter.**
- Soap decreases the **surface tension** of solution hence clothes get cleansed.
- The British physicist who is generally regarded as the Discoverer of the electron, the proton and the neutron is Sir **Jospeph John Thomson.**
- Velocity of light, amplitude and wavelength changes in refraction of light but **frequency remains unchanged.**
- **Pitch of sound** is determined by its frequency.
- **Longitudinal waves** can't be polarized.
- **Refractive index** of red light is **lesser** than the refractive index for violet light.
- **Atomic bomb** is based on nuclear fission.
- **Lysosome destroys** itself such a process so it is called **suicide vesicle (bag)** of the cell.
- **Chloroplast** is called Kitchen of cell.
- **Ribosome** is called the factory of protein.

- Most of the **weather disturbances** take place in troposphere.
- **Goniometer** is used to measure the angle of the crystal.
- **The speed of revolution of Earth** round the sun is maximum when Earth is nearest to the sun.
- A **bolometer** is a device for measuring the power of incident electromagnetic radiation.
- An air bubble in **water acts as a concave lens.**
- Titanium' is called the **metal of future.**
- Steel is used for making **permanent magnets,**
- **Transformer** is device used to step up or step down the voltage
- **Thermal decomposition of alkanes** in the absence of air is called **Cracking.**
- The Chemical element with the **lowest melting point** is **Helium** and the element with the highest melting point is **Carbon.**
- Hansen's disease is commonly known as **Leprosy.**
- Penicillin was discovered by **Alexander Fleming.**
- The part of the human body known as the mandible is **Lower Jawbone.**

- Frog eggs are also called? **Spawn**
- Flash of body is made up of? **Protein**
- Kwashiorkor disease is caused by deficiency of? **Iron**
- Human beings are: **Omnivores**
- Which are the only secondary consumers? **Carnivores**
- Animals that eat primary secondary consumers are called? **Tertiary Consumer**
- Solution is a kind of? **Mixture**
- The process of separation of solute and solvent from the mixture is called? **Filtration**
- Water is a? **Compound**
- The lowest temperature in laboratory thermometer is? **10 C**
- Secondary source of history is: **Books written about historical periods**
- .... Are called wise humans. **Neanderthal**
- The origin of species book was published in **1859**
- The revolution that started around 1769 is called **Industrial Revolution**
- Charles Darwin gave **Theory Evolution**
- Nature of water is **Neutral**
- Litmus paper show color in basic medium **Blue**
- Which one weak acid: **Carbonic Acid**
- Which best describes milk? **Slightly Basic**
- Which is strong base? **Sodium Hydroxide**
- Sodium chloride in solid state .... Electric? **Do not conduct**
- Orange Juice pH is? **4**
- Which one is table salt? **Sodium Chloride**
- Molecular mass of ozone? **48**
- Work is .... quantity: **Scalar**
- Unit of Power is **Watt**
- Useable form of energy is: **Kinetic Energy**
- Length b/w two particular points: **Displacement**
- Rate of change of velocity? **Acceleration**
- Unit of Charge is: **Coulomb**
- Image formed in the eye? **Retina**
- The message transfer from eye to brain **Optic Nerve**
- The relationship b/w living organisms with environments is: **Ecology**
- Tissue combines to form: **Organ**
- DNA is present in: **Nucleus**
- The Formula of Ozone layer is: **03**
- Acid rain contain: H_2SO_4/H_2CO_3
- The Unit of Distance: **m/s**
- The storage form of Energy is: **Lipids**
- Lipids stored in the: **Liver & Muscle**
- In hair protein present that called: **Keri Tin**
- Protein made up of? **Amino Acid**
- The Amino Acid made of: **Amino Group: Carboxylic Group**
- CTRL +> key is used for **Grow font:**
- HQ of UNESCO is in: **Paris**
- The blood is: **Tissue**
- The some no of proton and different no of neutron: **ISO Tope**
- Similar atom joins to form: **Element**
- The unit of Velocity $\frac{m}{s}$

- The unit of weight: **N**
- The unit of Force: **N**
- The amino groups contains: **Nitrogen & Hydrogen**
- The work divided by time is called: **Power**
- Bacteria are: **Decomposer**
- The carbon react with oxygen is called: **Combustion**
- Tissue combines to form **Organ**:
- Toggle case is option of: **Change case**
- The pH of water is: 7
- The magnitude of earthquakes can be measured by: **Seismograph**
- The Chemical name of table salt is: **Sodium chloride**
- The speed of sound is………… the speed of light: **Less**
- Pandemic Covid-19 is …………… disease: **Viral**
- The lungs are …………………….. organs: **Breathing**
- Earth is surrounded by layers of gases collectively called: **Atmosphere**
- Similar body cells group together to form a: **Tissue**

- What energy emerges from motion? **Kinetic Energy**
- A single piece of coiled DNA is called: **chromosome**
- Plants need which gas to perform photosynthesis: **Carbon dioxide**
- Which nutrient plays an essential role in muscle building? **Protein**
- **Animals** that suckle their young one are called: **Mammals**
- Which material has the highest transparency: **Glass**
- **Hydrogen** gas is predominant in the sun.

- **Solar System** consist of eight planets.
- **Vitamic- C** protects skin of human body.
- Wood is main raw material for the manufacture of **Paper.**
- Jaundice affects the Liver in the human body.

- **Enzymes** are made of Proteins.
- The Acid prepared by Jabir Bin Hayyan is **Sulphuric Acid.**
- **Velocity is a Vector Quantity.**
- Biological death of a patient means death of tissues of the **Brain.**
- Cholesterol level is analyzed in **Blood Sample**
- **Optical Fibre Sytem** is a Telecommunication system.
- It is difficult to cook on mountains because of **Low atmospheric pressure.**
- The Process of photosynthesis in plants takes place in **Leaf.**
- The humidity in the air tells us about the **ratio of water vapours in the Air.**
- **Mitochondria** is called the power house of the cell.
- **Phytoplankton** are microscopic marine algae.

- There are two moons of **Mars.**
- Diameter of earth is **12,742 km.**
- Liquids which evaporate quickly are known as **Volatile.**
- **Troposphere** is layer of atmosphere which lies close to earth.
- Hydrogen is used in **making Ghee.**
- **Cornea** is part of eye which can be donated.
- Hardness of water can be removed by adding **Sodium carbonate.**
- Accumulation of salts in kidneys results in **Kidney Stone.**
- RNA is principally involved in the syntheses of **proteins.**
- Sensory neurons carry message to **brain and spinal cord.**
- The pancreas is an organ located in the **abdomen.**

Director IB, Sub Auditor, Assistant director, Traffic Warden Police, Assistant Police, ADPP, Educators, Data Entry Operator, PMS General Knowledge, Civil Judges Cum Judicial Magistrates, Population Welfare Officer, Tehsildar, NTS Papers, NAB, TMO, Ziladar, Nab Tehsildar, Labour Inspector, Assistant Registrar Cooperative Societies, Excise and Taxation Inspector, District Zakat Officer, Labor Inspector, Labor Officer, Food Inspector, Assistant Food Controller, Deputy Superintendent Jail, Manager Auqaf, Social Security Officer, Sub-Inspector FIA, Assistant Superintendent Jail, Sub-Inspector Police, ASI Police, Inspector Police, Assistant director.